

## ABSTRACT

In a paper discriminator having the line sensor and the point sensor, data to be obtained by the point sensor

5 correspond to a common coordinate plane to data to be obtained by the line sensor. Thus, in partial data of the papers to be obtained by the point sensor also, a position for the entire surface of the papers of the part can be specified, and it is possible to compare data by the point sensor with reference  
10 data prepared in advance. Thus, discrimination precision of the papers is enhanced.